

Converting Colors

Hex(2A2723)

Have a look what the booklet for
Hex(2A2723) contains.

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Color

Hex(2A2723)

Conversions

Conversions Part 1

Format	Color
Hex	2A2723
RGB	42, 39, 35
RGB Percent	16%, 15%, 14%
CMY	0.8353, 0.8471, 0.8627
CMYK	0.00, 0.07, 0.17, 0.84
HSL	34°, 9%, 15%
HSV	34°, 17%, 16%
XYZ	1.9837, 2.0646, 1.8841
YIQ	39.4410, 3.0720, -0.6080

Conversions

Conversions Part 2

Format	Color
R_{YB}	40, 42, 35
Decimal	2762531
CIE Lab	15.82, 0.50, 3.14
CIE LCh	16, 3.176, 81.013
Yxy	2.0646, 0.3344, 0.3480
Android (android.graphics.Color)	4280952611 (0xFF2A2723)
YUV	39.4410, -2.1894, 2.2442
Hunter-Lab	14.3688, -0.5020, 2.2839

Details

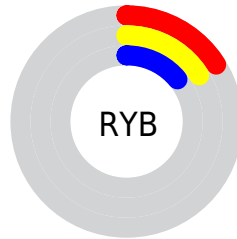
The Hex color **2A2723** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **23262A**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **57544F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A251F**, and if you desaturate by 10%, it is **2A2927**.

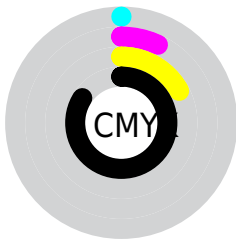
Distribution



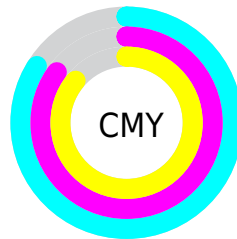
- Red (16%)
- Green (15%)
- Blue (14%)



- Red (16%)
- Yellow (16%)
- Blue (14%)



- Cyan (0%)
- Magenta (7%)
- Yellow (17%)
- Black (84%)



- Cyan (84%)
- Magenta (85%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A2723 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 2A2723 by changing the saturation by 10% instead.

■ 2A2723

■ 2A2723

FFFFFF

■ 16120D

■ 57544F

■ 000000

■ 706C67

■ 898580

■ A39F9A

■ BEBAB5

■ DAD6D1

■ F7F2ED

■ 2A2723

■ 2A2723

■ 2A251F

■ 2A2927

■ 2A231B

■ 2A2B2B

■ 2A2216

■ 2A2C30

■ 2A2012

■ 2A2E34

■ 2A1E0E

■ 2A3038

■ 2A1C0A

■ 2A323C

■ 2A1A06

■ 2A3440

■ 2A1901

■ 2A3545

■ 2A1800

■ 2A3749

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



2C2624



2A2723



282823

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2A2723



222929



2A262A

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



2A2723



23262A

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



27272C



2A2723



22282B

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2A2723



232927



24282C



2C2628

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



2A2723



262824



24282C



29272B

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



2A2723



363433



2A2326



1C1B1A



9C9C9C



1C1C1C

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



2A2723



36312B



2A2A23



141412



543000



D47900

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



23262A



2B2F36



23232A



121314



002454



005BD4

Previews

White Background



This preview shows how the Hex color 2A2723 looks on a white background.

Color Contrast Check

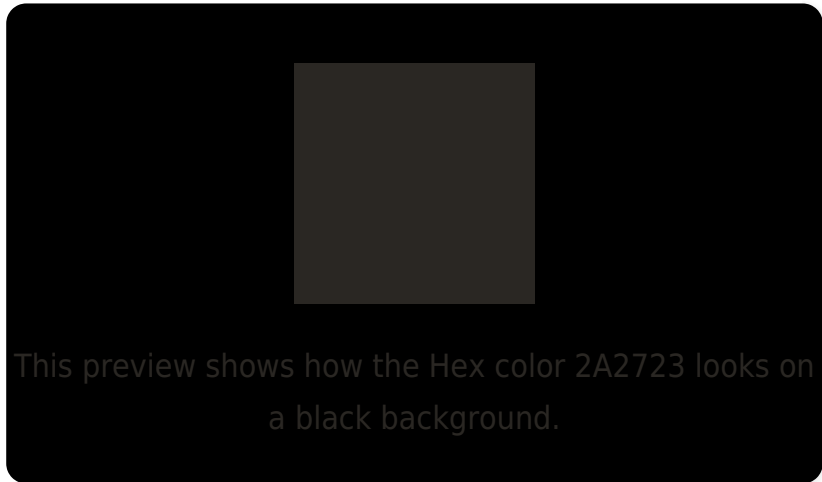
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

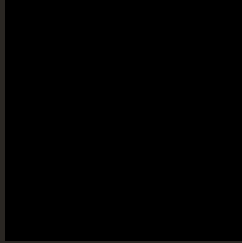
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

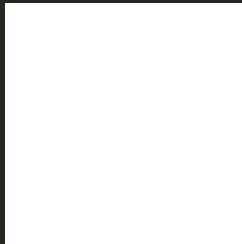
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2A2723 Background



This preview shows how black text looks on a background with the Hex color 2A2723.



This preview shows how white text looks on a background with the Hex color 2A2723.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
2A2723

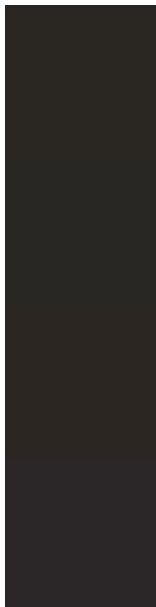
Protanopia
292723

Deuteranopia
2D2623



Tritanopia
2B2629

Trichromacy



Original Color

2A2723

Protanomaly

292723

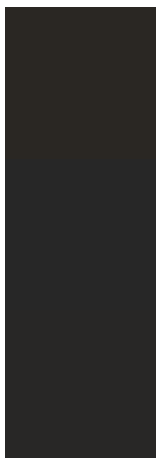
Deuteranomaly

2C2623

Tritanomaly

2B2627

Monochromacy



Original Color

2A2723

Achromatopsia

272727

Achromatomaly

282726

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A2723 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #2A2723 looks like.

```
.text, #text, p{  
    color:#2A2723  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #2A2723 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A2723
}
```

Border

The CSS property to change the border of an element to Hex 2A2723 is called "border". The border property can be set on classes, ids or directly on the HTML element.

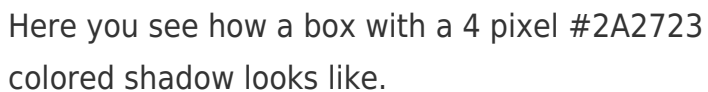
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A2723 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#2A2723 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #2A2723 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A2723; -webkit-box-shadow:4px 4px  
4px 4px #2A2723; box-shadow:4px 4px 4px  
4px #2A2723 }
```

Background

The CSS property to change the background color of an element to Hex 2A2723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A2723 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#2A2723 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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